Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014079.D
Acq On : 18 Dec 2019 03:47
Operator : JC/SP
Sample : K6348-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

Quant Time: Dec 18 07:24:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	88375	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	471490	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	413380	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	191537	30.26	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.87%			
60) 4-Bromofluorobenzene	11.14	95	178651	26.76	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 89.20%			
63) Toluene-d8	8.71	98	567364	30.71	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.37%			
Target Compounds						Qvalue
13) Acrolein	2.08	56	257	0.277	ug/l	89
15) Acetone	2.43	58	2763	3.140	ug/l	95
23) tert-Butyl Alcohol	3.03	59	1290	1.098	ug/l #	74
45) 1,4-Dioxane	7.73	88	222	1.838	ug/l #	1
88) 1,2-Dibromo-3-Chloropropan	13.01	75	366	0.220	ug/l #	46

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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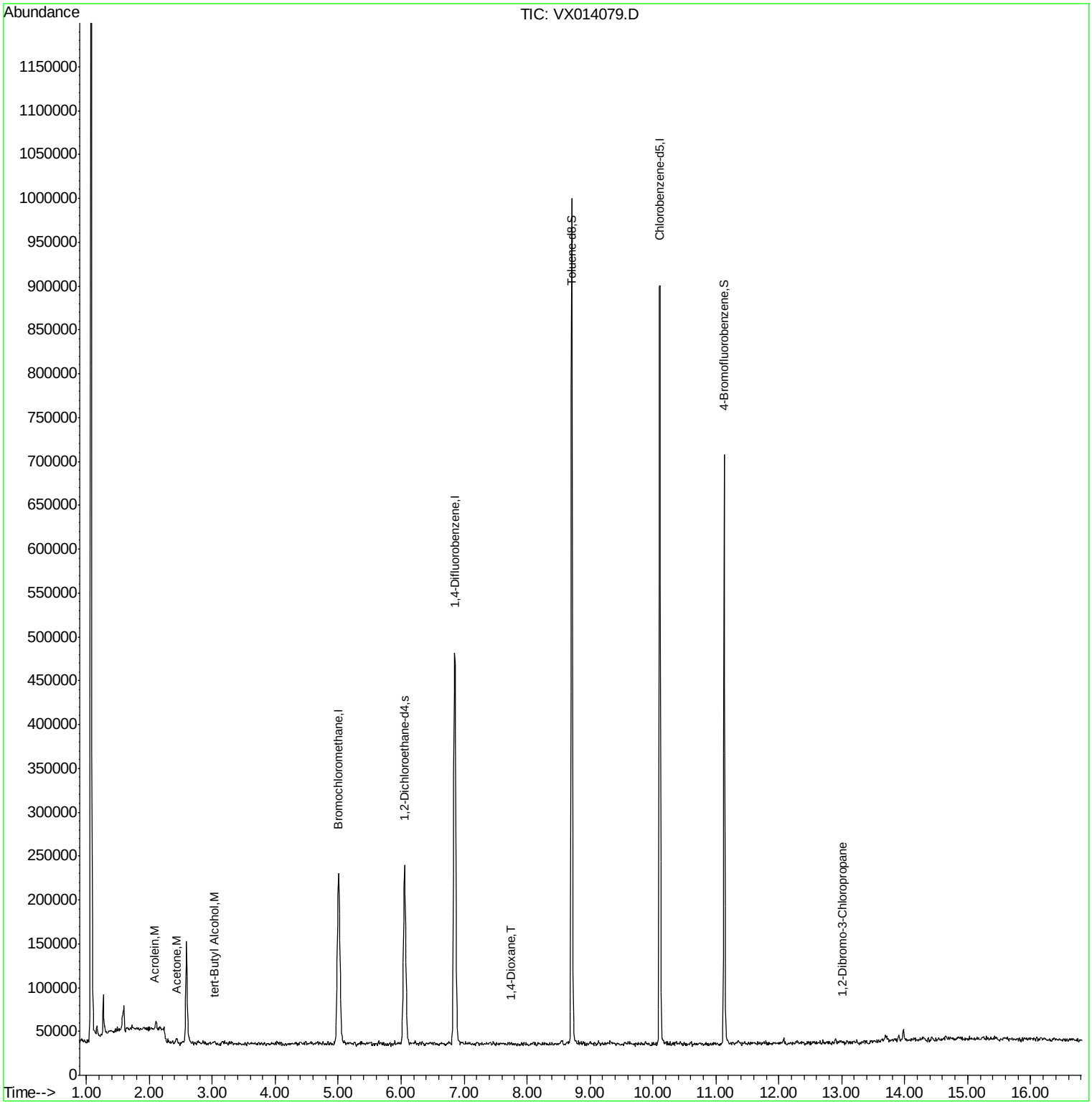
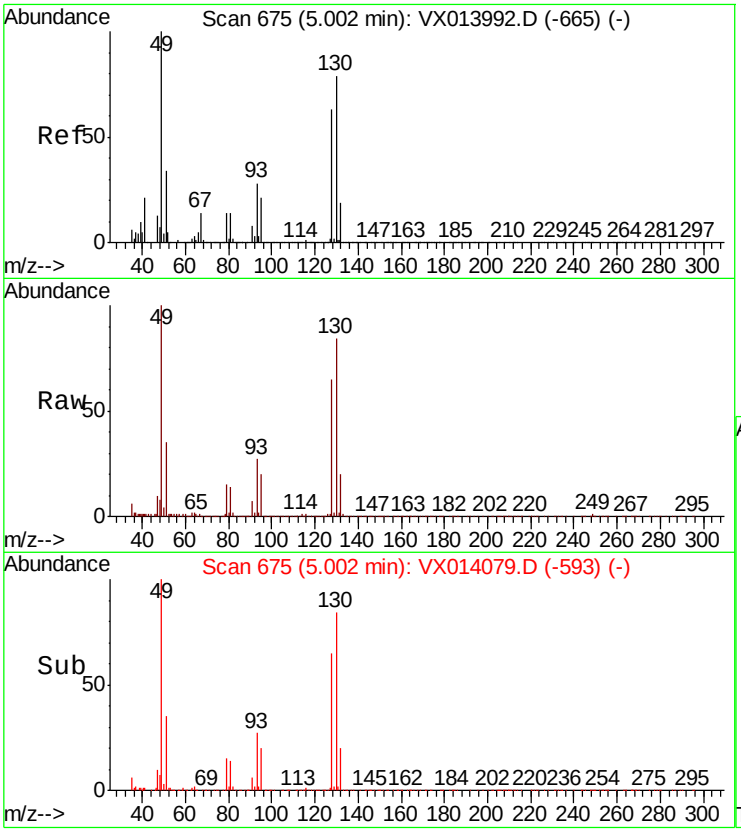


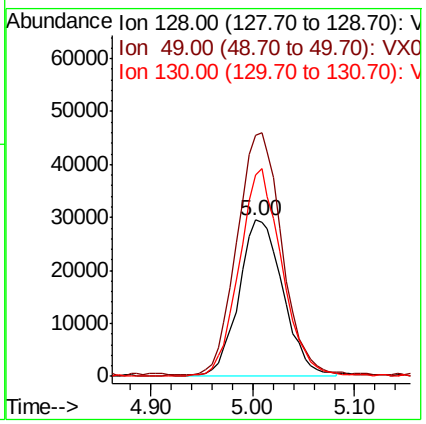


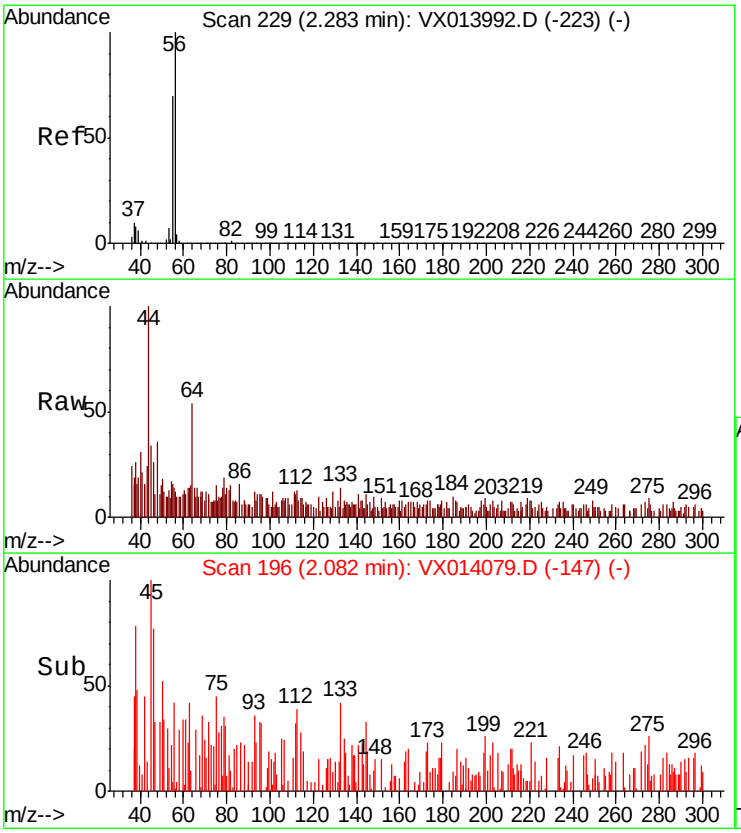
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:128 Resp: 88375

Ion	Ratio	Lower	Upper
128	100		
49	158.3	0.0	405.0
130	128.9	0.0	321.5

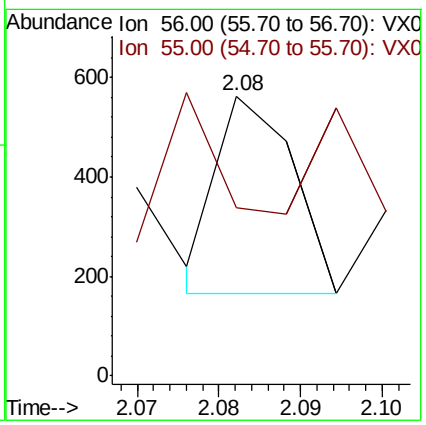


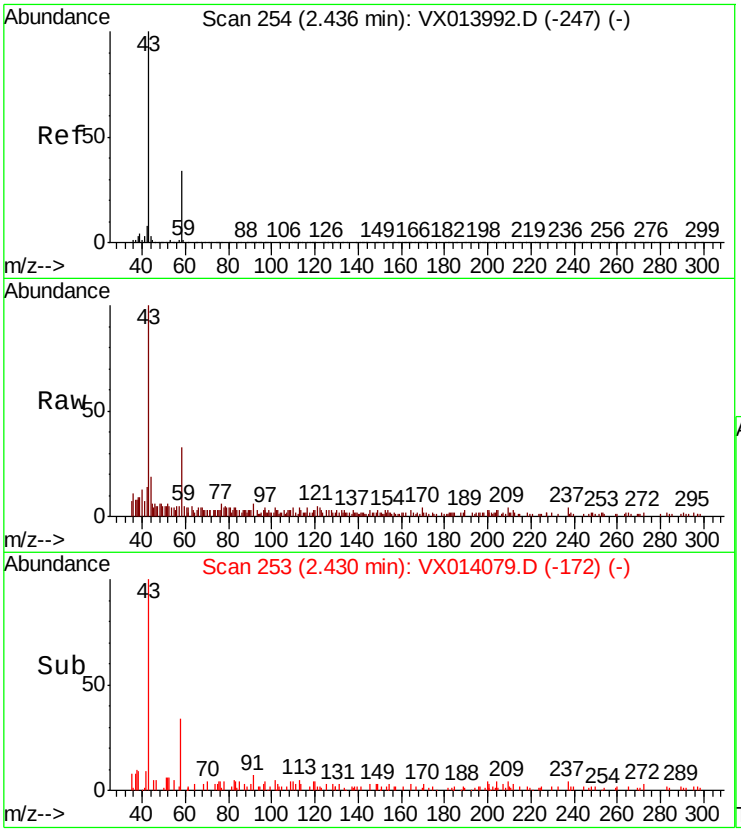


#13
Acrolein
Concen: 0.277 ug/l
RT: 2.08 min Scan# 196
Delta R.T. -0.20 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Tgt Ion: 56 Resp: 257

Ion	Ratio	Lower	Upper
56	100		
55	77.4	54.9	82.3



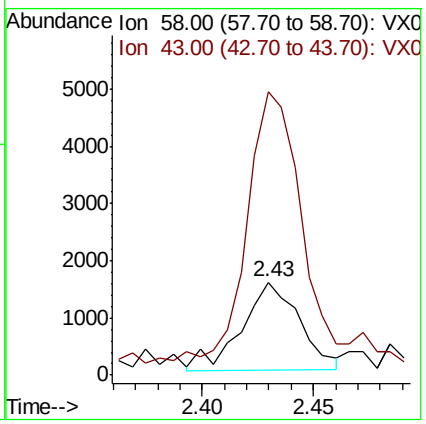


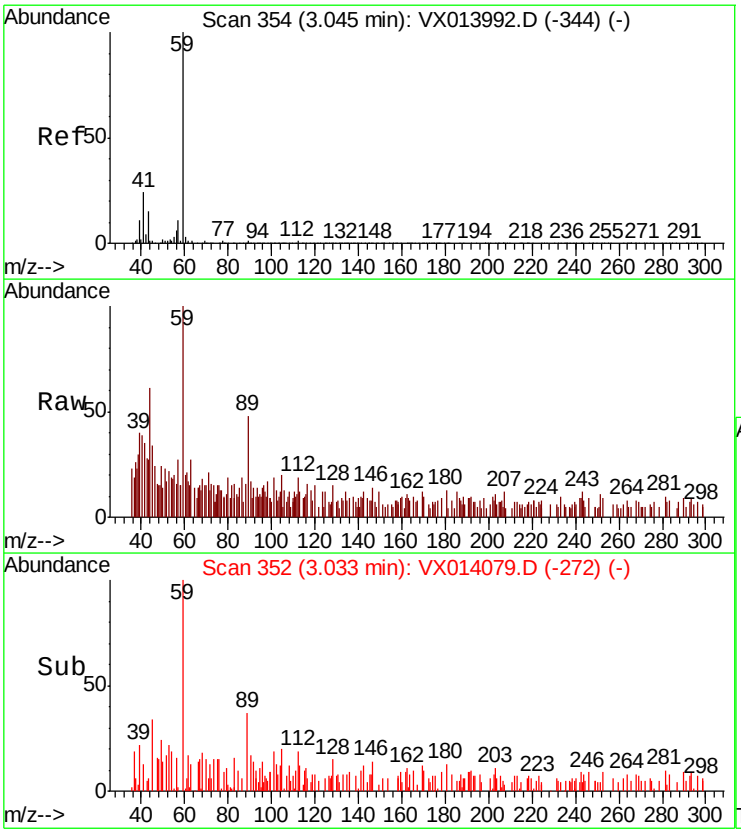
#15
Acetone
Concen: 3.140 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 58 Resp: 2763

Ion	Ratio	Lower	Upper
58	100		
43	305.0	236.3	354.5

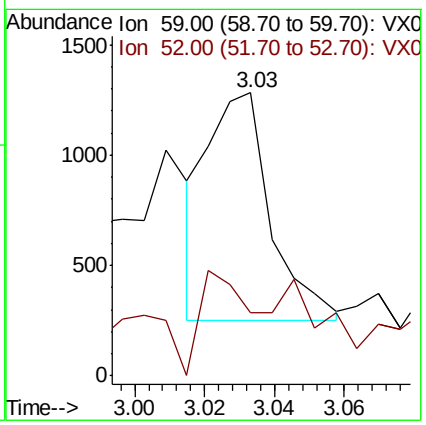


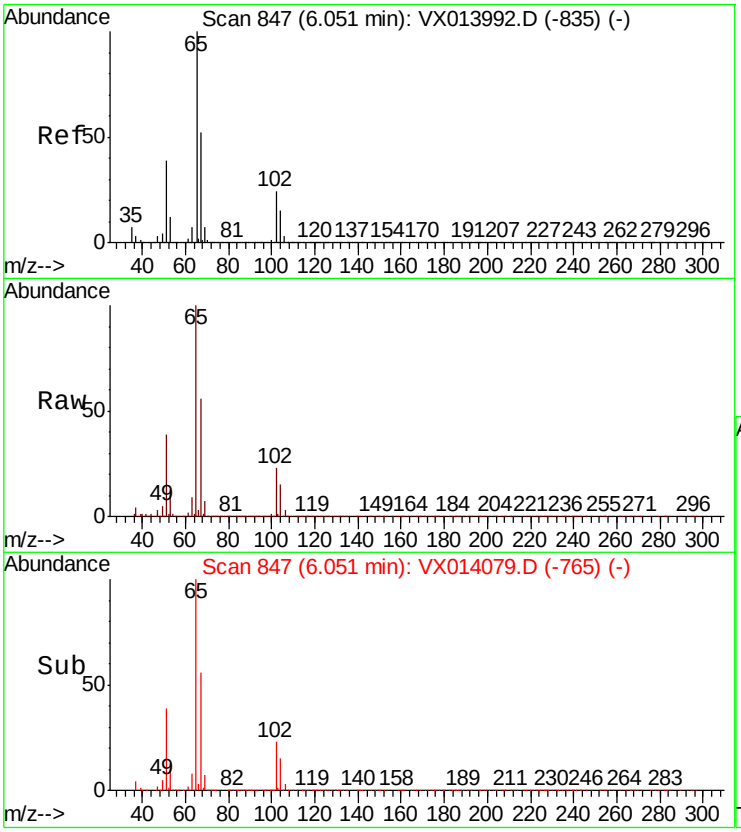


#23
tert-Butyl Alcohol
Concen: 1.098 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Tgt Ion: 59 Resp: 1290

Ion	Ratio	Lower	Upper
59	100		
52	33.5	0.2	0.2#



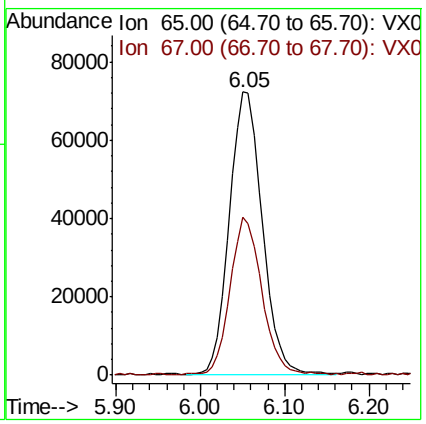


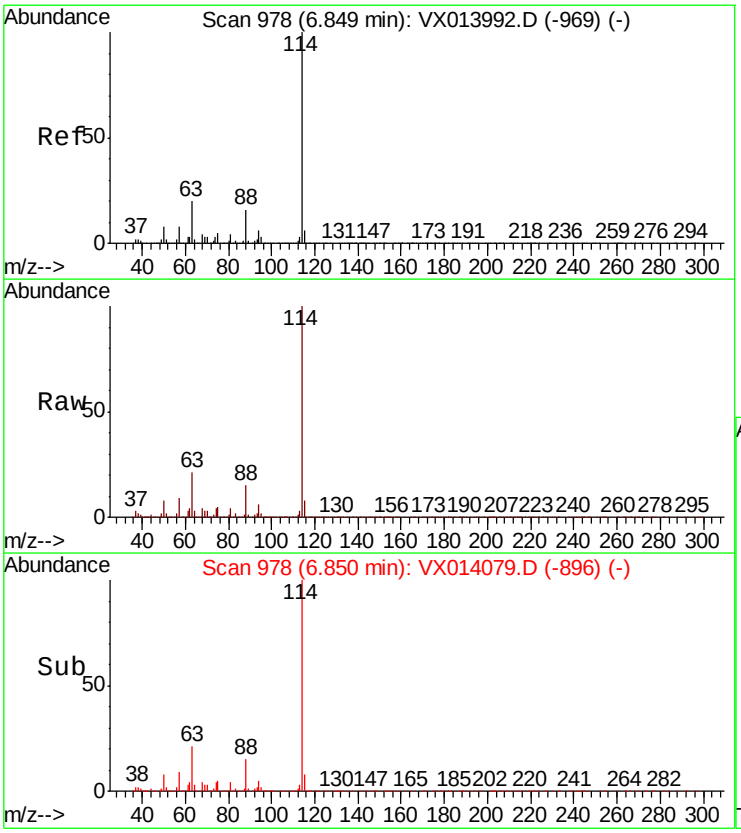
#27
1,2-Dichloroethane-d4
Concen: 30.262 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 65 Resp: 191537

Ion	Ratio	Lower	Upper
65	100		
67	52.2	43.1	64.7

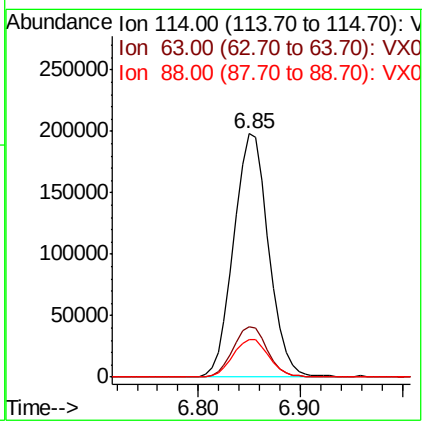


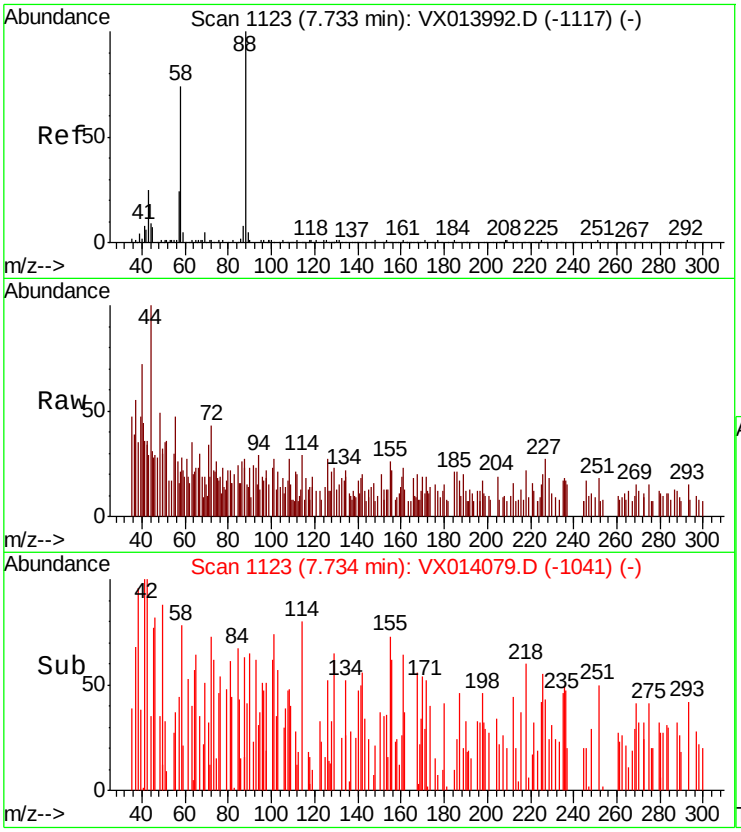


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Tgt Ion:114 Resp: 471490

Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	15.9	12.5	18.7



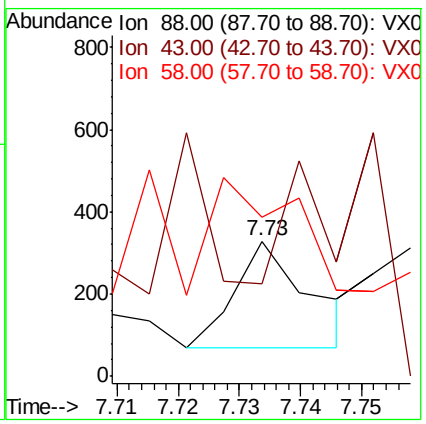


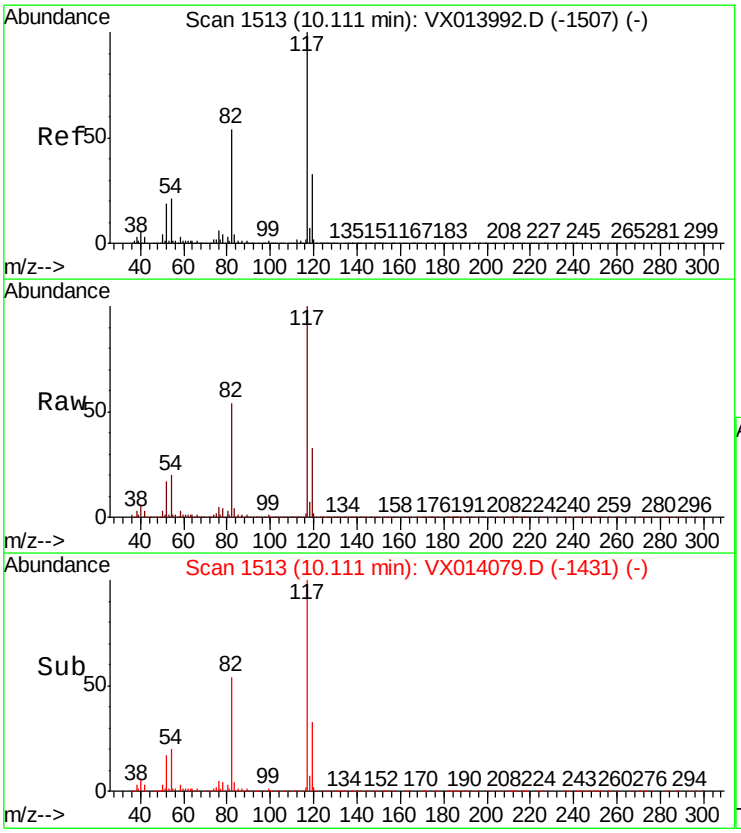
#45
1,4-Dioxane
Concen: 1.838 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 88 Resp: 222

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.4	38.2#
58	223.0	56.5	84.7#

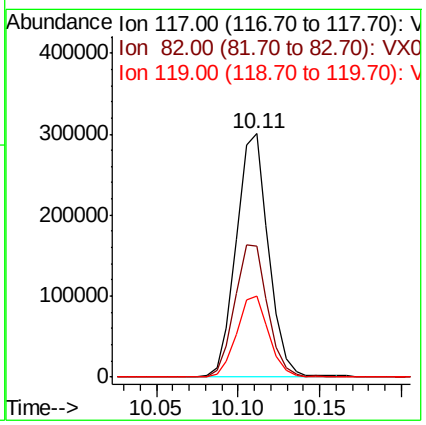


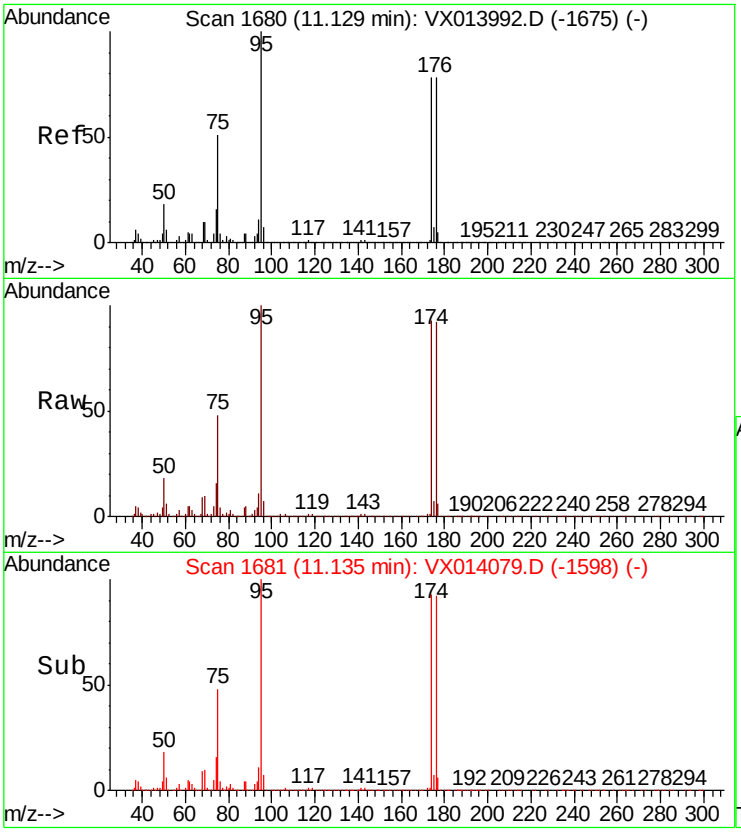


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Tgt Ion:117 Resp: 413380

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.6
119	33.1	25.8	38.6



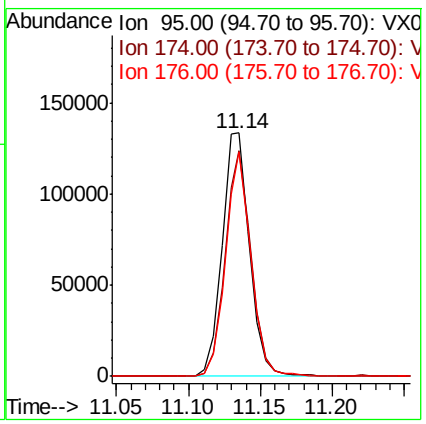


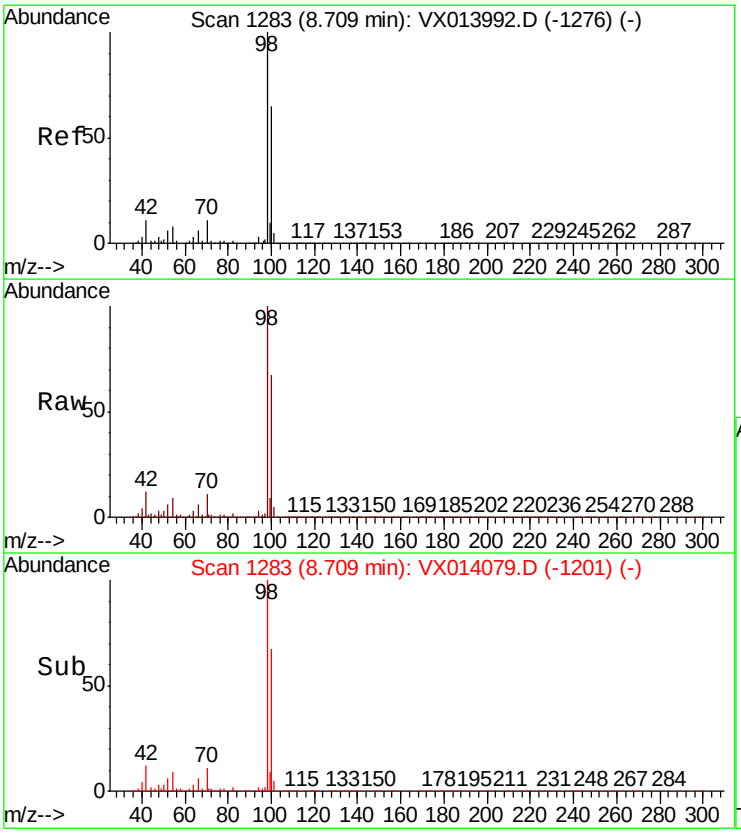
#60
4-Bromofluorobenzene
Concen: 26.763 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 95 Resp: 178651

Ion	Ratio	Lower	Upper
95	100		
174	87.7	70.2	105.2
176	85.0	68.3	102.5

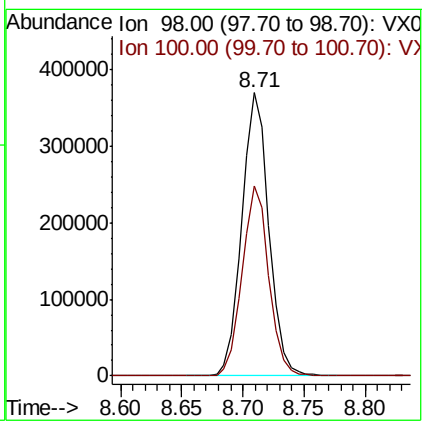


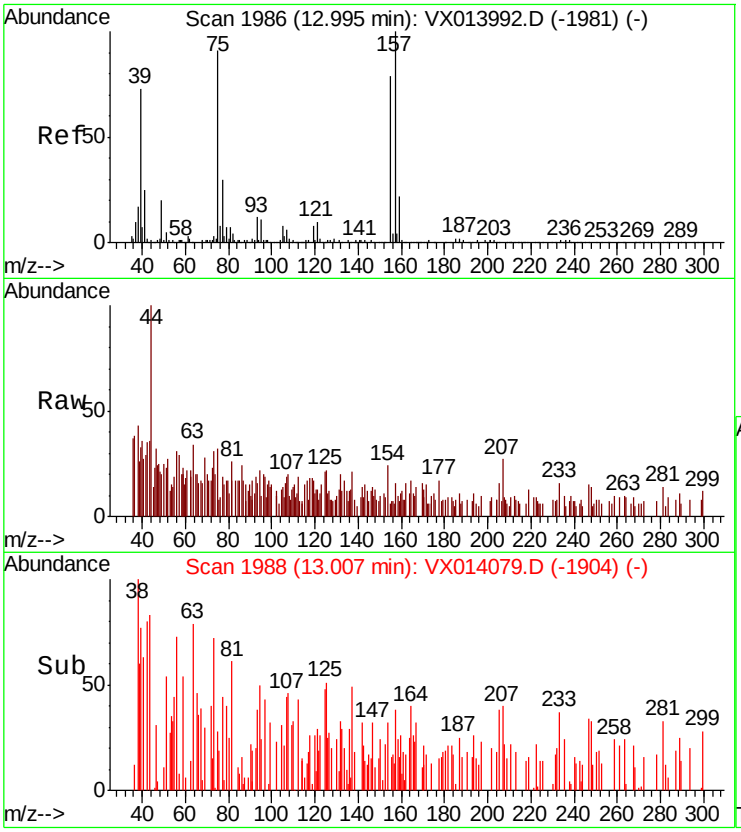


#63
Toluene-d8
Concen: 30.706 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Tgt Ion: 98 Resp: 567364

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





#88
1,2-Dibromo-3-Chloropropane
Concen: 0.220 ug/l
RT: 13.01 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VX014079.D
Acq: 18 Dec 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 75 Resp: 366

Ion	Ratio	Lower	Upper
75	100		
155	29.0	73.8	110.6#
157	70.2	95.0	142.4#